

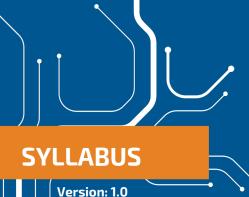






# Windows Server 2025 – Expanded Roles & Features

"FROM IMAGINATION TO WINDOWS SERVER 2025 –
EXPANDED ROLES & FEATURES





#### **About Apponix Academy**

- → Apponix Academy is a leading training institute offering both online and offline courses in trending technologies like Cloud Computing, DevOps, Cyber Security, Full Stack Development, Data Science, Digital Marketing, and more.
- + Established in 2013, Apponix has trained over 50,000 students across India and abroad, helping them build successful careers in the tech industry.
- → With centers in Bangalore, Pune, Mumbai, Hubli, Aurangabad, Tumkur, Trichy, Gwalior, Ranchi, and more, Apponix continues to expand rapidly across the country.
- + All our courses are designed to be job-oriented, practical, and aligned with real-world industry requirements.
- Our training is delivered by 100+ highly experienced corporate trainers who are experts in their respective fields.
- → We offer flexible learning options, allowing students to choose between classroom sessions and live online classes.
- + Apponix is ISO certified and provides globally recognized certifications from AWS, Microsoft, and Google.
- → Over 3,000+ Apponix alumni are successfully placed in top MNCs with salaries above ₹15 LPA.
- Our focus is on 100% hands-on learning, project-based assignments, and real-time case studies.
- → We provide complete career support including resume building, interview preparation, and placement assistance.
- → With a strong presence and proven track record, Apponix Academy continues to be a trusted name in professional IT training.



#### **COURSE KEY FEATUERS**



- Job Assistance
  - Designated Placement Advisor
- Weekdays & Weekend Classes
- Interview Grooming Sessions
- Microsoft Certification

- Mock interview sessions
- Delivered by Industry Experts
- Generative AI tools
- Professional Resume building session
- industry Relevant Syllabus











**IABAC Authorized Partner** 

**JAINx University Partner** 









**VMWARE Authorized Partner** 

Most Promising Training Institute

**MSME Certified** 

#### Sample Certificate





# WINDOWS SERVER 2025 – EXPANDED ROLES & FEATURES SYLLABUS

### 1. Complete Server Roles + Identity + Deployment + Security + Hybrid Cloud

#### 1. Active Directory & Identity Services

- Active Directory Domain Services (AD DS)
- Group Policy Management & GPO hardening
- Read Only Domain Controllers (RODC)
- Active Directory Certificate Services (AD CS)
- Active Directory Federation Services (AD FS)
- Azure AD Hybrid & AD Connect
- Privileged Access Management & Tier Model

#### 2. Network Services

- DNS Installation, Zones, Forwarders, DNSSEC
- DHCP, Failover & IPAM
- NPS (Network Policy Server)
- RADIUS authentication
- Routing & Remote Access Services (RRAS)
- VPN (IKEv2, SSTP, L2TP)
- Always On VPN (DirectAccess alternative)

#### 3. Deployment & Imaging Services

- Windows Deployment Services (WDS)
- PXE boot & WinPE
- MDT (Microsoft Deployment Toolkit)
- · Windows Autopilot hybrid deployments



#### 4. Security & Compliance

- BitLocker Drive Encryption
- Credential Guard & Device Guard
- Windows Defender ATP
- Security Baselines & Hardening
- Firewall, IPSec & Secure DNS

#### 5. Update & Patch Management

- WSUS deployment & automation
- Windows Update for Business
- · Patch compliance reporting

#### 6. File, Storage & Data Services

- NTFS & ReFS features
- DFS Namespace & DFS Replication
- File Server Resource Manager (FSRM)
- Storage Spaces Direct (S2D)
- SMB Direct & SMB Encryption
- NFS & AFP support
- BranchCache

#### 7. RAID, Backup & Recovery

- RAID Levels 0/1/5/6/10
- Windows Server Backup
- Azure Backup & Site Recovery
- Volume Shadow Copies



#### 8. Virtualization & Containerization

- Hyper V installation & VM management
- Enhanced Session, Checkpoints, Shielded VMs
- VM replication & Live Migration
- Containers & Kubernetes on Windows
- Nano Server container scenarios

#### 9. High Availability & Clustering

- Failover Cluster creation & quorum
- Cluster aware updates
- Stretched clusters & DR
- Cluster Shared Volumes (CSV)

#### 10. Web & Internet Services

- Internet Information Services (IIS) configuration
- HTTPS & TLS certificates
- Web application firewall options
- FTP services

#### 11. Printing & Document Services

- Print Server role
- Printer deployment & management

#### 12. Remote Desktop Services (RDS)

- Session Host, Connection Broker, Licensing
- RemoteApp publishing
- Gateway & HTML5 access



#### 13. Management, Monitoring & Automation

- Windows Admin Center
- Performance Monitor & Event Viewer
- PowerShell 7 scripting & automation
- System Insights AI predictive monitoring

#### 14. Hybrid & Cloud Integration

- Azure Arc Management
- Hybrid DNS & identity
- Cloud storage & DR

## **APPONIX** academy

#### **OUR RECENT PLACEMENTS**



VIGNESH INFOSYS LIMITED



AMOGH GIRI
VIHSHVA INDUSTRIES



Sadiq Elvesey Products Pvt Ltd



VINAYAK BADIGER TRUEUBI



SNEHA SANJAY MANE
NAKSHA BUILDERS



KANTESH MJ SKYSECURE TECHNOLOGIES



PRASAD PAWAR
DIGITAL AGE STRATEGIES



DEEKSHA GOWDA
ORACLE



SUJENDRIKA R METI
MAVERICK BUSINESS MANAGEMENT



Devi Reddy Vamshi Krisha Ignitarium



ABHISHEK NATIKAR
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#### **OUR ALUMNI WORKING IN**







